FIG_1

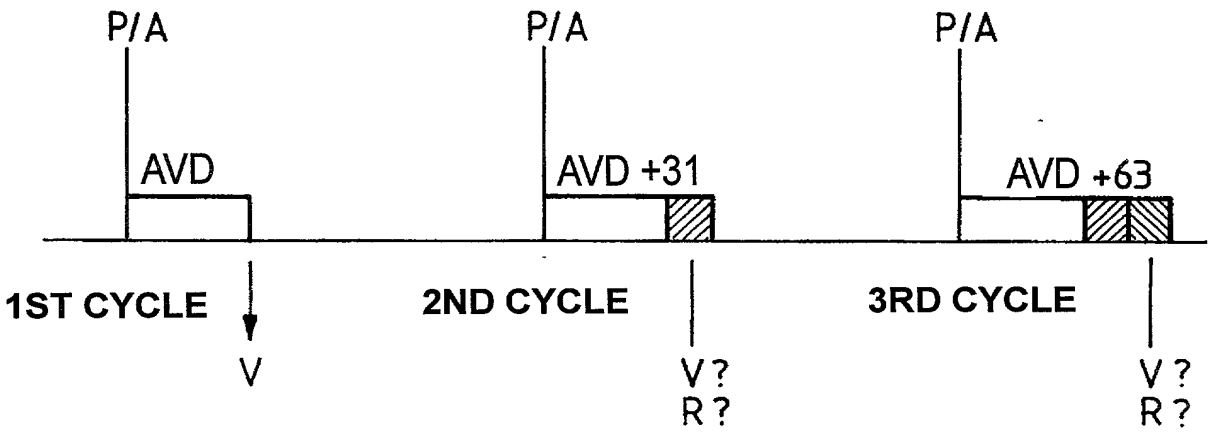

P/A
P/A
P/A
AVD
AVD +31
AVD +63
1ST CYCLE
2ND CYCLE
3RD CYCLE
V
V?
R?
V?
R?

FIG_3

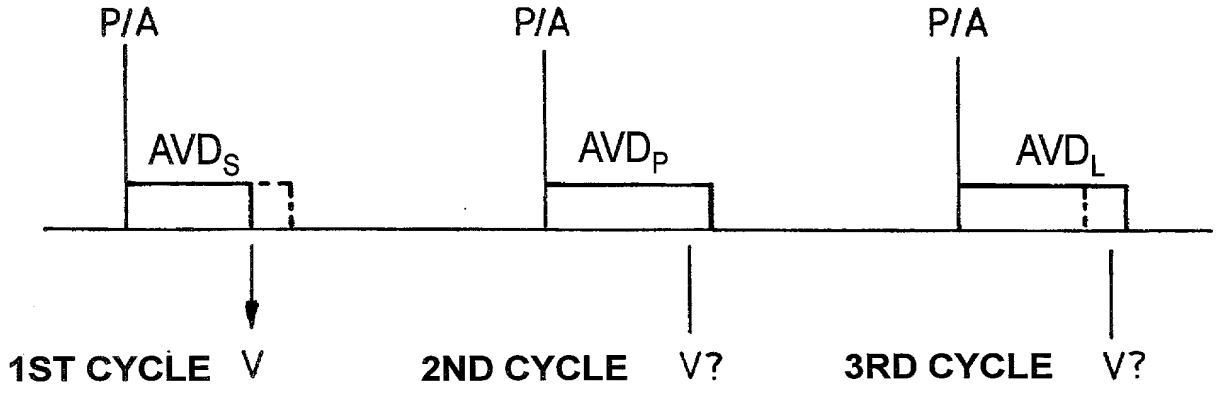

P/A
P/A
P/A
AVD$_S$
AVD$_P$
AVD$_L$
1ST CYCLE
V
2ND CYCLE
V?
3RD CYCLE
V?

FIG_2

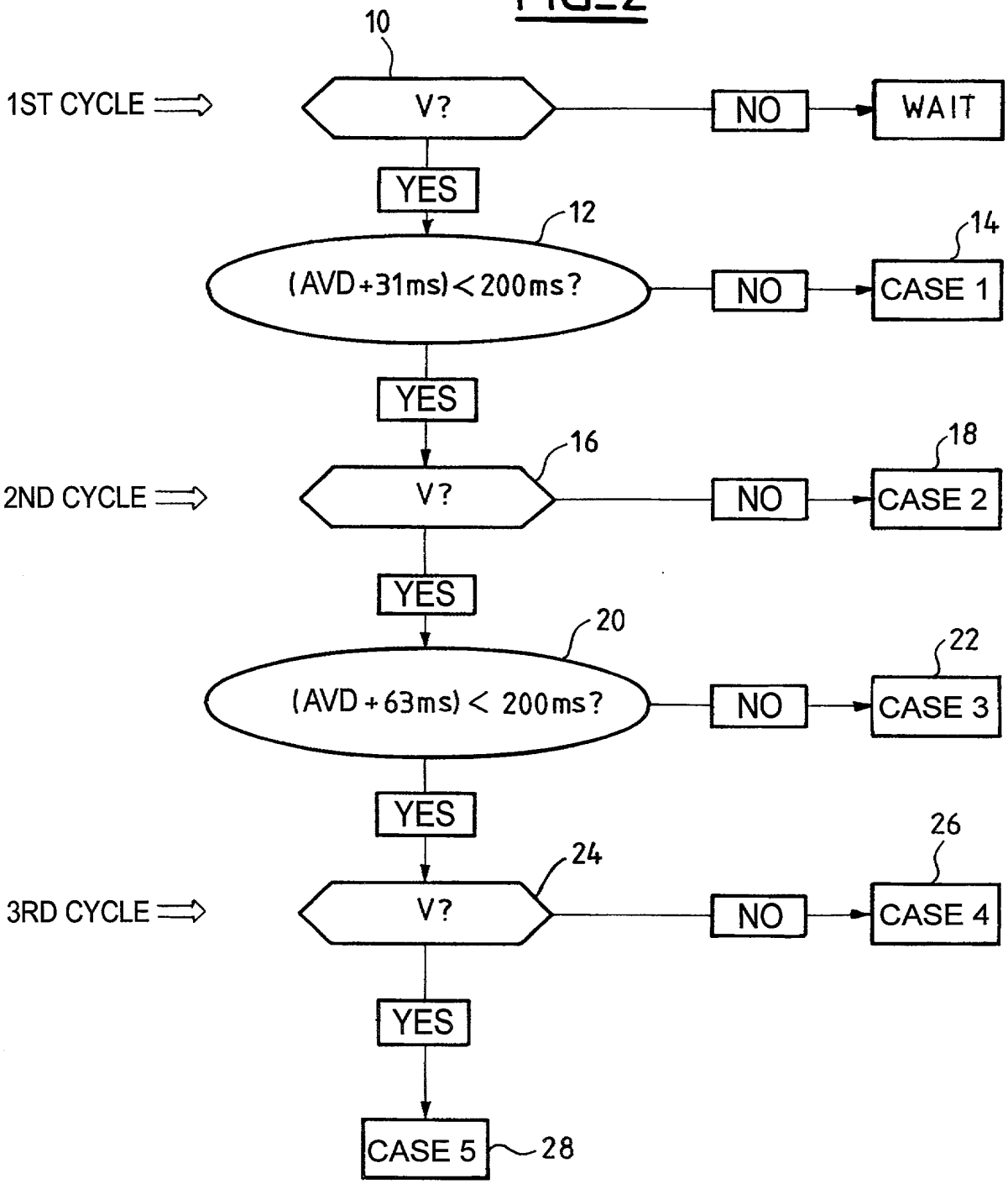
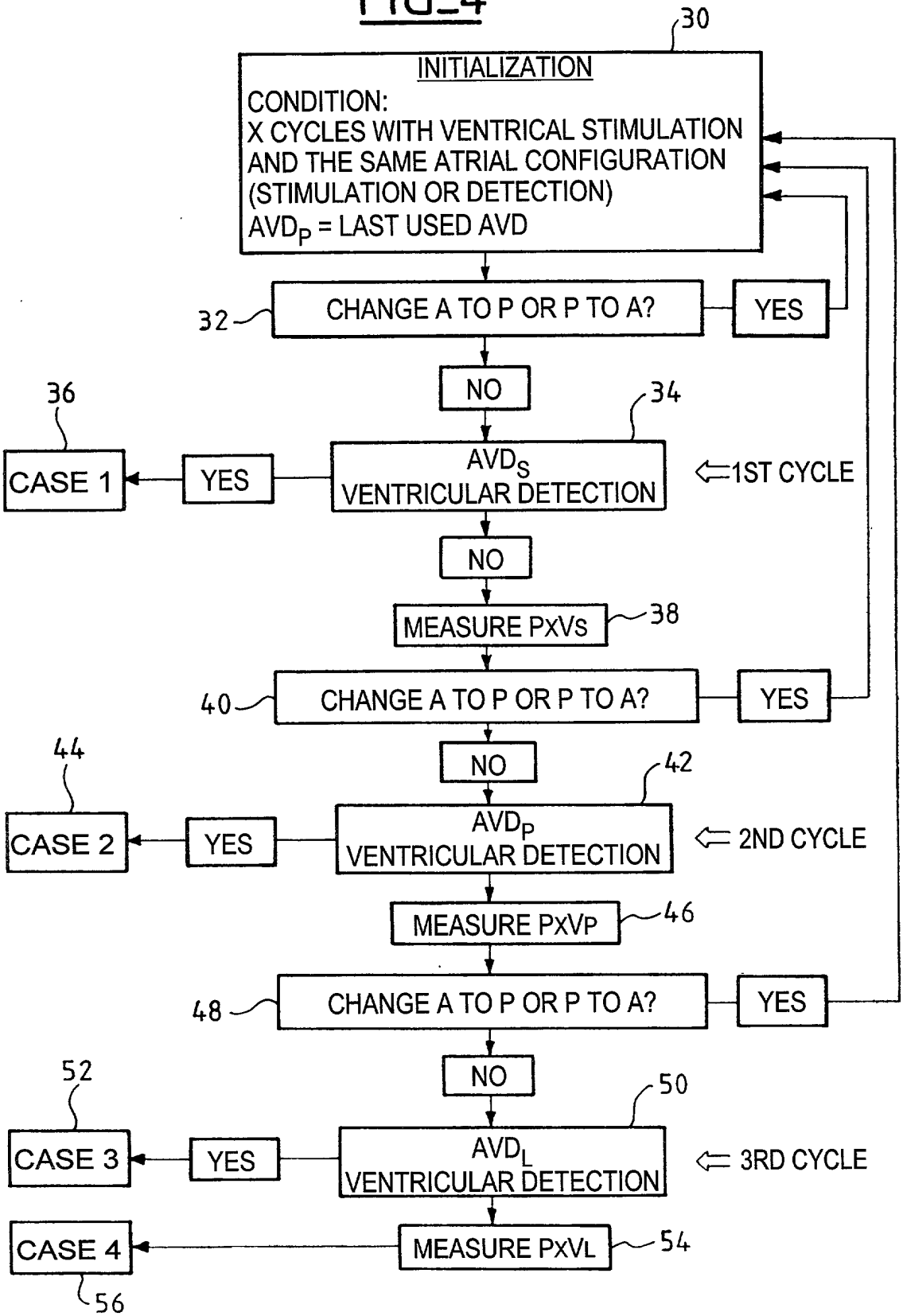

10
1ST CYCLE
V?
NO
WAIT
YES
12
(AVD+31ms)<200ms?
NO
14
CASE 1
YES
16
2ND CYCLE
V?
NO
18
CASE 2
YES
20
(AVD+63ms)< 200ms?
NO
22
CASE 3
YES
24
3RD CYCLE
V?
NO
26
CASE 4
YES
CASE 5
28

FIG_4


30
INITIALIZATION
CONDITION:
X CYCLES WITH VENTRICAL STIMULATION
AND THE SAME ATRIAL CONFIGURATION
(STIMULATION OR DETECTION)
AVDP = LAST USED AVD
32
CHANGE A TO P OR P TO A?
YES
NO
34
AVDS
VENTRICULAR DETECTION
1ST CYCLE
36
CASE 1
YES
MEASURE PxVs
38
40
CHANGE A TO P OR P TO A?
YES
NO
42
AVDP
VENTRICULAR DETECTION
2ND CYCLE
44
CASE 2
YES
MEASURE PxVP
46
48
CHANGE A TO P OR P TO A?
YES
NO
50
AVDL
VENTRICULAR DETECTION
3RD CYCLE
52
CASE 3
YES
MEASURE PxVL
54
CASE 4
56